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M AA	6,172,457	1/9/2001	Brown, et al.						

FOREIC	AD SN PA	TENT DOCUM	ENTS				⁻	
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100		57.406747	12/2/1982	Japan		/	X	1
'm/	AE	57-196747				 /-	X	_
	AF	06-175143	6/24/1994	Japan				+
\vdash	AG	07-043696	2/14/1995	Japan		/	X	
	AH	07-049486	2/21/1995	Japan		<u>/</u>	X	
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OTHER	DOC	JMENTS (Including Author, Title, Da	te, Pertinent Pages, Etc.)			
mi	AM	Shinbusha, "Liquid Crystal Display Handbook", 142th Committee of Japan Society for the Promotion of Science (Chapter 4, Section 4.2, pages 218-221, 1989				
U	AN	×				
	AO					
	AP					
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